"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOLOV'YEV, Petr Fedorovich; SMIRNOV, A.D., inzh., red.; SAKHAROVA, A.L., red.; VORONIN, K.P., tekhn.red.

[Wiring systems and electric lighting installations] Provodki i osvetitel'nye elektroustanovki. Izd.3-e, perer.i dop. Moskva, Gos.energ.izd-vo, 1957. 192 p. (Spravochnik elektromontera, no.2) (MIRA 10:12)

(Electric lighting)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

KUZNETSOV, Petr Vasil'yevich; SMIRNOV, A.D., inzhener, redaktor; SOLOV'YEV, [redacted] inzhener, redaktor; BULASHEVICH, D.N., redaktor; VORONIN, K.P., tekhnicheskiy redaktor.

[Installation of distributing equipment up to 35 kv] Montazh raspredelitel'nykh ustroistv napriazheniem do 35 kv. Moskva, Gos. energ.izd-vo, 1957. 272 p. (Spravochnik elektromontera, No.3)
(MIRA 10:11)
(Electric power distribution)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

KUZNETSOV, Petr Vasil'yevich; SMIRNOV, A.D., inzh., red.; SOLOV'YEV, P.F., inzh., red.; BULASHEVICH, D.N., red.; VORONIN, K.P., tekhn. red.

[Electrician's handbook] Spravochnik elektromontera. Pod red. A.D.Smirnova i P.F.Solov'eva. Moskva, Gos.energ.izd-vo. No.3.[Installation of distribution devices with voltages up to 35 kv.] Montazh raspredelitel'nykh ustroistv napriazheniem do 35 kv. 1957. 272 p. (MIRA 15:1)
(Electric engineering)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

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SOLOV'YEV, Petr Fedorovich; SAPAROVA, A.L., redaktor; LARIONOV, G.Ye., tekhnicheskiy redaktor.

[Principles of assembling and operating electric equipment in industrial installations] Osnovy montazha i ekspluatatsii elektrooborudovaniia promyshlennykh ustanovok. Izd. 4-oe, ispr. Moskva, Gos.energ.izd-vo, 1957. 383 p. (MIRA 10:11)
(Electric apparatus and appliances)

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KOFMAN, Karl Davidovich, inzh.; SMIRNOV, A.D., inzh., red.; SOLOV'EV, P.F., inzh., red.; SAPAROVA, A.L., red.; SKVORTSOV, I.M., tekhn. red.; LARIONOV, G.Ye., tekhn. red.

[Installation of electric power equipment] Montazh silovogo elektrooborudovaniia. Pod obshchei red. A.D. Smirnova i P.F. Solov'eva. Izd. 3., dop. i perer. Moskva, Gos. energ. izd-vo, 1958. 271 p. (Spravochnik elektromontera, no.4). (MIRA 11:10)
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BACHELIS, David Semenovich; BELORUSSOV, Nikolay Ivanovich; SAAKYAN, Aleksandr Yefremovich; SOLOV'YEV, P.F., inzh., red.; VORONIN, K.P., tekhn.red.

[Electric cables, wires, and cords; reference book] Elektricheskie kabeli, provoda i shnury; spravochnik. Pod obshchei red. N.I. Belorussova. Moskva, Gos.energ. izd-vo, 1958. 480 p. (MIRA 12:1)
(Electric wire) (Electric cables)

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FEDOROVSKIY, L.G.; SOLOV'YEV, P.F., red.

[Installation of electric networks and electrical equipment; study aids] Montazh silovykh elektrosetei i elektrooborudovaniia; uchebnye tablitsy. Moskva, Gos.energ.izd-vo, 1959. fold. (MIRA 14:3)

(Electric lines) (Electric wiring)

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KAYETANOVICH, Mikhail Mikhaylovich, inzh.; KEMMERIKH, Maks Al'fredovich, inzh.; KOFMAN, Karl Davydovich, inzh.; PROSHCHIN, Yevgeniy Alekseyevich, inzh. [deceased]; SOLOV'YEV, Petr Fedorovich, inzh.; KHROMCHENKO, Grigoriy Yefimovich, inzh.; SMIRNOV, A.D., inzh., obshchiy red.; SOLOV'YEV, P.F., inzh., obshchiy red.; SAPAROVA, A.L., red.; VORONIN, K.P., tekhn.red.

[Machines and devices for electrical work] Mekhanizmy i prisposobleniia dlia elektromontazhnykh rabot. Izd.2., perer. i dop. Moskva, Gos.energ.izd-vo, 1959. 512 p. (Spravochnik elektromontera, no.6) (MIRA 12:6)
(Electric engineering--Equipment and supplies)

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AVINOVITSKIY, Inar Yakovlevich; SOLOV'YEV, P.F., red.; BORUNOV, N.I., tekhn.red.

[Terminations of power cables] Okontsevanie silovykh kabelei. Moskva, Gos.energ.izd-vo, 1960. 39 p. (Biblioteka elektromontera, no.21). (MIRA 13:11)

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KUZNETSOV, P.V.; GUREYEV, I.A.; SHIRNOV, A.D., inzh., red.; SOLOV'YEV, P.F., inzh., red.; LEPLINSKIY, M.P., red.; BORUNOV, N.I., tekhn. red.

[Installation of electric power distribution systems] Montazh raspredelitel'nykh ustroistv. Izd.2., perer. i dop. Moskva, Gos. energ. izd-vo, 1961. (Spravochnik elektromontera, no.3) (MIRA 15:2)
(Electric power distribution—Handbooks, manuals, etc.)

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SOLOV'YEV, P.F., inzh.; CHUMAKOV, V.M.; SMIRNOV, A.D., inzh.; KYABOV, M.S., red.; BORUNOV, N.I., tekhn. red.

[Electrician's manual] Spravochnik elektromontera. Pod obshchei red. A.D.Smirnova, P.F.Solov'eva. 4. izd., perer. i dop. Moskva, Gos. energ.izd-vo. No.2.[Wiring systems and electric lighting equipment] Provodki i osvetitel'nye elektroustanovki. 1961. 271 p. (MIRA 14:12)

(Electric light fixtures)

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SOKOLOV, Boris Alekseyevich; SOLOV'YEV, Petr Fedorovich; LEBEDEV, N.N., red.; VORONIN, K.P., tekhn. red.

[Principles of the installation and operation of the electric equipment of industrial installations] Osnovy montazha i ekspluatatsii elektrooborudovaniia promyshlennykh ustanovok. Izd.5., perer.i dop. Moskva, Gos.energ.izd-vo, 1961. 591 p.
(MIRA 14:12)
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(Electric lines)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

PROSHCHIN, Ye.A. [deceased]; SMIRNOV, L.P.; SMIRNOV, A.D., inzh., red.; SOLOV'YEV, P.F., inzh., red.; BRANDENBURGSKAYA, E.Ya., red.; BORUNOV, N.I., tekhn. red.

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(Electric lines—Underground) (Electric cables)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

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KHROMCHENKO, Grigoriy Yefimovich; SOLOV'YEV, P.F., red.; YEMZHIN, V.V., tekhn. red.

[Joining and termination of copper and aluminum cables and wires] Soedinenie i okontsevanie mednykh i aliuminevykh provodov i kabelei. 2 izd. Moskva, Gosenergoizdat, 1962. 47 p. (Biblioteka elektromontera, no.76) (MIRA 16:2)
(Electric lines) (Electric cables)

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BACHELIS, D.S.; GEL'MAN, R.Ye.; DUTKIN, G.S.; KULESHOV, Ya.G.; NIKULIN, N.V.; RYVKIN, G.A.; SADKIN, P.I.; SMIRNOV, A.D.; SOLOV'YEV, P.F.; KHALIZEV, G.P.; SMIRNOV, A.D., inzh., red.; SOLOV'YEV, P.F., red.; BORUNOV, N.N., tekhn. red.

[Manual for electricians in two parts]Spravochnik elektrotekhnika v dvukh tomakh. Pod obshchei red. A.D.Smirnova. Moskva, Gosenergoizdat. Vol.1. 1962. 479 p. (MIRA 15:5)
(Electric engineering—Handbooks, manuals, etc.)

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SOLOV'YEV, F.S.

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Kvartirnaya Plata V RSFSR (Apartment Rent In The RSFSR, By) K. L. Broner, Izd, Dop, 1 ISPR. Moskva, Izd-Vo Ministerstva Kommunal'nogo Khozyaystva RSFSR, 1954.

63 p. Tables.

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1. SOLOV'YEV, P. I.

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SOV/137-57-10-19072

Translation from: Referativnyy zhurnal, Metallurgiya, 1957, Nr 10, p 92 (USSR)

AUTHOR: Tselikov, A.I., Korolev, A.A., Kuz'min, A.D., Kogos, A.M., Solov'yev, P.I.

TITLE: Cluster-type Rolling Mills Designed by the TsKBMM of the TsNIITMASh (Mnogovalkovyye stany konstruktsii TSKBMM TsNIITMASh)

PERIODICAL: V sb.: Prokatn. stany: Nr 8. Moscow, Mashgiz, 1956, pp 5-26

ABSTRACT: A 12-roll cluster-type mill for the rolling of thin (down to 0.1-mm) and fine (down to 0.05-mm) strip has been designed by the TsKBMM of TsNIITMASh. The mill has a roll and a pinion stand, coilers ahead and behind, and a tapered uncoiler. The roll stand consists of a parallelepipedal cast-iron housing containing a cylindrical bored hole for the roll (R) adapter and two rectangular openings on the sides for the guides. Upper and lower adapters carry three R each and three shafts with four back-up rolls (BR). Of the three R in each adapter, one is of 38 mm diameter and 350 mm body length, and is a working roll, the other two 45-mm are driven intermediate rolls transmitting

Card 1/3

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Cluster-type Rolling Mills Designed by the TsKBMM of the TsNIITMASh

pressure from the working R to the 110-mm diam BR. The latter are mounted without play in the adapter chocks, the upper driving and working R being suspended from the upper chock by springs, so that they are alwys compressed against each other and toward the BR, while the bottom chock lies free in the bottom portion of the housing. The pinion stand represents a combination of types. The mill-stand motor is of 100-kw power and runs at 980-1150 rpm. The mill R are of Nr 12KhN2A steel, the H_{sh} of the working surface being 100-105; the driving rolls are of Nr 20KhN3A steel, with an H_{sh} 95-100; the BR are of Nr 9Kh steel. The rolling rate is 1-5 m sec, and the maximum permissible rolling pressure is 35,000 kg. The working and back-up R have circulating lubrication, machine oil being used. The coilers are located on both sides of the mill stand and make it possible to roll with tension both in front and behind. The maximum tension on the strip is 3600 kg, and the diameter of the coiling drum is 300 mm. The coiler motors are of 81.6 hp each. The weight of the mill is 25 t. The following is the rolling flowsheet. Annealed and pickled coils, 0.2-0.5 mm thick and up to 300 mm wide, of steels 0.8, U7A to U12A, EI142, 20S2, 65G, 50KhFA, and others, are delivered to a conical uncoiler and are mounted thereon by a lift table. The end of the strip goes from the uncoiler through the mill R and is fastened to the drum of the rear coiler. The strip is then placed under tension and the

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Cluster-type Rolling Mills Designed by the TsKBMM of the TsNIITMASh

rolling rate is increased to the desired level. Before the end of the coil leaves the uncoiler the stand and coiler are switched to servicing speed, and the mill is stopped and reverses itself. The end of the strip is guided into the front coiler and a second pass begins, during which back tension on the strip is provided by switching the coiler motor to generator operation. Rolling continues until 2 or 3 coils are left on the drum of the rear coiler, whereupon the motors are switched to minimum speed, stopped, and reversed for the next pass, etc. The coil of finished strip is taken from the coiler by a special knock-out and is delivered for trimming of the side edges or annealing. 237-mm wide strip of Kh0.5 steel is rolled from 0.37 to 0.105 mm in 6 passes with an 8.7-23% reduction per pass and a single intermediate anneal, R adapters on roller bearings being used. The precision of rolling, based on thickness, for strip not over 0.10 mm thick, is within a tolerance of ±0.005 mm. The average output of the mill is 3.0-3.5 t thin strip per shift.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

TSELIKOV, A.I.; KOROLEV, A.A., kandidat tekhnicheskikh nauk; KUZ'MIN, A.D., kandidat tekhnicheskikh nauk; KOGOS, A.M., inzhener; SOLOV'YEV, P.I., inzhener.

Twelve-roll mills for rolling thin strips. Stal' 16 no.6:531-536 Je '56. (MLRA 9:8)

1. Chlen-korrespondent AN SSSR (for TSelikov); 2. TSentral'nyy nauchno-issledovatel'skiy institut tekhnologii i mashinostroyeniya. (Rolling mills)

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TSELIKOV, A.I.; KOROLEV, A.A., kandidat tekhnicheskikh nauk; KUZ'MIN, A.D., kandidat tekhnicheskikh nauk; KOZOS, A.N., inzhener; SOLOV'YEV, P.I., inzhener.

Multiple-stand rolling mill designed by the Central Bureau for the Design on Metalworking Machinery in the Central Scientific Research Institute of Technology and Machine Building. [Trudy] TSNIITMASH no.83:5-26 '56. (MLRA 10:9)

1. Chlen-korrespondent AN SSSR (for TSelikov).
(Mechanical engineering) (Rolling mills)

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25(5). SOV/ 5-59-6-4/47

AUTHOR: Solov'yev, P.I., Chief Engineer

TITLE: The "300" Rolling Mill

PERIODICAL: Nauka i zhizn', 1959, Nr 6, p 16 and p 1 of Centerfold (USSR)

ABSTRACT: An unnamed institute has designed for the Krivorozhskiy metallurgicheskiy zavod (Krivoy Rog Metallurgical Plant) a continuous operation strip mill "300", which will make steel strips up to 400 mm wide and pipe and pipe union billets (strips). The highly productive mill consists of several large units, such as 2 powerful soaking pits, 10 horizontal and 5 vertical operation stands, a roller conveyer, rollers, conveyers and an assembly for the transverse cutting of the strips. The feeding of the billets and their forward motion into the furnace is accomplished by fully automated machines. Is was especially difficult to automate the escape of the heated billets from the furnace. This was made possible by means of an original device which controls the condition of the billets and directs the push rod. The pressure device of the upper roller of each stand is motor operated. The

Card 1/2

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The "300" Rolling Mill

article contains a detailed description of the operation of the stands. Among the groups of stands are drum-type flying scissors to cut the strip while it moves at up to 5.7 m/sec. A movable photo pulsing device gives the signal for disconnecting the scissors. Scale is beaten off with a water jet of 80 atmospheres pressure. For this purpose nozzles are installed behind the 4 vertical operation stands. From the last operation stan the strip is brought by the roller conveyer to the reeler, and is wound up. The strip is cooled by water to a temperature of 600° C. There is 1 set of drawings and 6 Soviet references.

Card 2/2

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

S/130/60/000/011/001/011
A006/A001

AUTHORS: Solov'yev, P. I., Merenkov, A. I.

TITLE: Over-All Mechanization and Automation of the Finishing Section of a Continuous "300" Strip Mill

PERIODICAL: Metallurg, 1960, No. 11, pp. 24-28

TEXT: Information is given on the operation of the fully mechanized and automated finishing section of a continuous "300" strip mill designed by VNIIMETMASh for the Krivoy Rog Metallurgical Combine. The design was made under the supervision of A. I. Tselikov, Corresponding Member of AS USSR, A. D. Kuz'min, Candidate of Technical Sciences, P. I. Solov'yev, A. A. Sarychev, engineers, and with the participation of A. I. Merenkov, Aspirant at MVTU imeni Bauman. The strip mill is intended for rolling up to 460 mm wide strips of 2.0 mm minimum thickness and blanks of weld pipes. The finishing section of the mill includes two coiling machines winding up the strips which are then transported by conveyers, removed by a stripping device, and delivered to the binding machine. The bound rolls are placed onto automotive packeting trolleys mounted on a rail track. During the loading of one trolley another one at the end of the track is unloaded.

Card 1/4

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S/130/60/000/011/007/011
A006/A001

Over-All Mechanization and Automation of the Finishing Section of a Continuou. "300" Strip Mill

An experimental model of a binding machine, designed at VNIITMETMASh, is used for the binding with 6.5 - 3.5 mm binding wire of rectangular strip and roll fagots with a maximum cross section of 460 x 300 mm. The machine includes the following components: a part carrying the binding wire; a master device supplying the gauged length of the wire; a threading device tightening the work and shaping the right angles of the binding wire, and a device for the twisting of wire ends. The operation of the components is fully automated and mechanized. At the storehouse of the finished stock a unit is mounted producing the gauged length of strips (8-5 m) from the rolls. The line is composed of a loading device, a decoiling machine; a nine-roller straightening machine; flying crank-lever-shears cutting the strip moving at a speed of 1-3 m/sec; a stripping device removing the strips of non-gauged length from the roller table to collecting containers with the aid of pneumatic-cylinder-driven levers controlled by photoelements; a fagoting device and a binding roller table with a dragging receiver and scales (Fig. 4). All the operations are mechanized and automated.

Card 2/4

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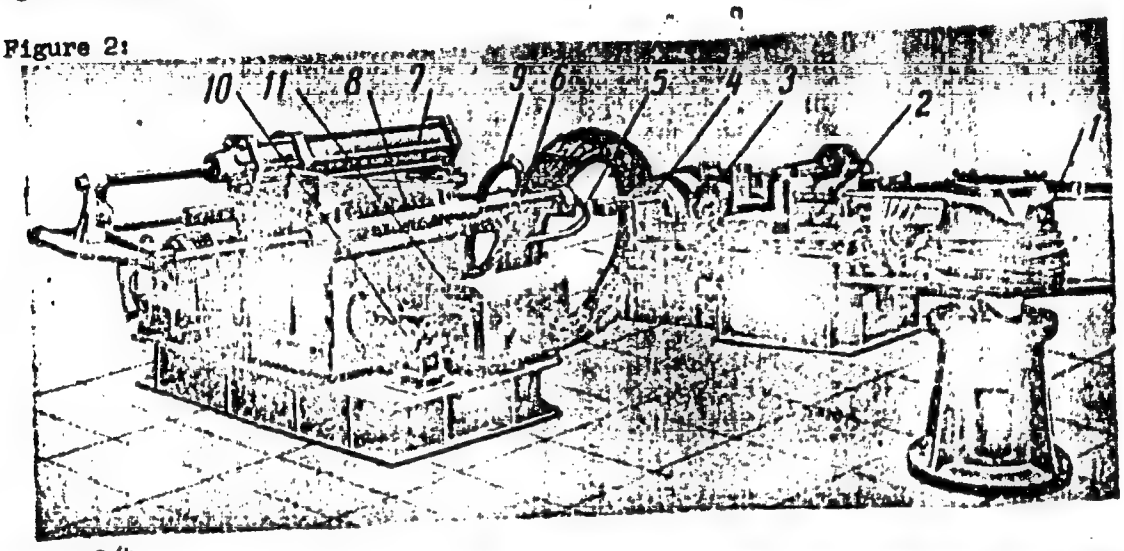
A006/A001

Over-All Mechanization and Automation of the Finishing Section of a Continuous "300" Strip Mill

Figure 2:



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A006/A001

Over-All Mechanization and Automation of the Finishing Section of a Continuous "300" Strip Mill

Figure 2. General view of a strip roll binding machine
1 - part carrying the binding wire; 2 - straightening race; 3 - master rollers; 4 - pneumatic shears; 5 - forming shackles; 6 - threading device shaft; 7 - pneumatic cylinder; 8 - differential reductor; 9 - clamps; 10 - kinematic reductor; 11 - instruction apparatus of the twisting mechanism.
There are 4 figures.

ASSOCIATIONS: VNIIMEIMASh, and MVTU imeni Bauman

Card 4/4

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

TRET'YAKOV, A.V., kand.tekhn.nauk; AL'BREKHT, E.G.; SOLOV'YEV, P.I., inzh.

Calculating the pressure on the cylinder of a coiling machine. (MIRA 14:8)
Vest.mash. 41 no.8:39-42 Ag '61.
(Rolling mills)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOLOV'YEV, P.I.; ALEKSANDROV, M.D.

Increasing the size of packages on RTT-168 coiler-rovers. Tekst. prom. 24 no.8:37-38 Ag '64. (MIRA 17:10)

1. Glavnyy inzh. pryadil'no-tkatskoy fabriki "Kommunisticheskiy avangard" Verkhne-Volzhskogo soveta narodnogo khozyaystva (for Solov'yev). 2. Nachal'nik byuro tekhnicheskoy informatsii pryadil'no-tkatskoy fabriki "Kommunisticheskiy avangard" Verkhne-Volzhskogo soveta narodnogo khozyaystva (for Aleksandrov).

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOLOV'YEV, P.M.; BOGOV, B.A., otvetstvennyy redaktor; ANDREYEV, G.G., tekhnicheskiy redaktor

[Organization of rescue work in mines] Organizatsiia gornospasatel'nogo dela na shakhtakh. Moskva, Ugletekhizdat, 1951. 108 p. (MLRA 10:1)

(Mine rescue work)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOLOV'YEV, P.M., inzh.

The SP-55 filtering respirator. Bezop. truda v prom. 2 no. 6:22-23 Je '58. (MIRA 11:7)

(Respirators)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

ABRAMOV, F.A., prof., doktor tekhn.nauk; BALTAYTIS, V.Ya., inzh.; BARON, L.I., doktor tekhn.nauk; BATALIN, S.A., dotsent, kand. tekhn.nauk; BYKOV, L.N., prof., doktor tekhn.nauk; VESELOVSKIY, V.S., prof., doktor tekhn.nauk; VLADIMIRSKIY, V.V., kand.tekhn. nauk [deceased]; VORONIN, V.N., doktor tekhn.nauk [deceased]; VORONINA, L.D., kand.tekhn.nauk; VOROPAYEV, A.F., prof.,dokt.tekhn. nauk; ZHUKOV, G.I.; KOMAROV, V.B., prof., doktor tekhn.nauk; KRICHEVSKIY, R.M., kand.tekhn.nauk; KSENOFONTOVA, A.I., dotsent, kand.tekhn.nauk; LIDIN, G.D., doktor tekhn.nauk; MILETICH, A.F., dotsent, kand.tekhn.nauk; MUSTEL', P.I., dotsent, kand.tekhn. nauk; NOVIKOV, K.P., kand.tekhn.nauk; OGIYEVSKIY, V.M., prof., doktor tekhn.nauk [deceased]; POLESIN, Ya.L., inzh.; RIPP, M.G., dotsent, kand.tekhn.nauk; SOBOLEV, G.G., inzh.; SOLOV'YEV, P.M., inzh.; SUKHAREVSKIY, V.M., kand.tekhn.nauk; KHEYFITS, S.Ya.,dotsent,

(Continued on next card)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

ABRAMOV, F.A.---(continued) Card 2.
kand.tekhn.nauk; KHODOT, V.V., kand.tekhn.nauk; SHCHERBAN',
A.N.; TERPIGOREV, A.M., glavnyy red.; SKOCHINSKIY, A.A., otv.
red.toma; ZAYTSEV, A.P., zam. otv.red.toma; BOBROV, I.V., red.
toma; KOMAROV, V.B., red.toma; SIRYACHENKO, F.N., red.toma;
VARZIN, A.V., kand.tekhn.nauk, red.toma; KLIMANOV, A.D., dots.,kand.
tekhn.nauk, red.toma; KRIVONOSOV, K.K., inzh., red.toma; NEUYMIN,
I.N., inzh., red.toma; TITOV, N.G., doktor tekhn.nauk, red.toma;
CHIZHOV, B.D., kand.tekhn.nauk, red.toma; GNEDIN, V.Ye., red.
izd-va; NIKOLAYEV, V.F., red.izd-va; BASHEVA, T.A., red.izd-va;
PROZOROVSKAYA, V.L., tekhn.red.

[Mining; an encyclopedic dictionary] Gornoe delo; entsiklopedicheskii spravochnik. Glav.red. A.M.Terpigorev. Chleny glav. red.: A.I.Barabanov i dr. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po ugol'noi promyshl. Vol.6. [Mine atmosphere and ventilation; controlling dust, gases, and fires; mine rescue work] Rudnichnaia atmosfera i ventiliatsiia; Bor'ba s pyl'iu, gazami i pozharami; Gornospasatel'noe delo. Redkollegiia toma: A.A.Skochinskii i dr. 1959. 375 p. (MIRA 12:6)

1. Chlen-korrespondent AN USSR (for Shcherban').
(Mine ventilation) (Mine rescue work)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOLOV'YEV, P.M., inzh.

"Fire extinction in coal mines" by V.IA Baltaitis. Reviewed by P.M. Solov'ev. Bezop. truda v prom. 3 no.6:37 Je '59. (MIRA 12:10)

(Coal mines and mining--Fires and fire prevention)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOLOV'YEV, P.M., inzh.

Causes of an accident at the "Kliuchi" mine. Bezop.truda. v prom. 4 no.6:8-10 Je '60. (MIRA 14:3)

(Artemovskiy—Mine accidents)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

LYUYEV, Andrey Ivanovich; SOLOV'YEV, P.M., otv. red.; VINOGRADOVA, G.V., red.; PROZOROVSKAYA, V.L., tekhn. red.

[Manual on safety engineering for miners] Posobie po tekhnike bezopasnosti dlia shakhterov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 86 p. (MIRA 14:6)
(Coal mines and mining—Safety measures)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOLOV'YEV, P.M., inzh.

New regulations for the Militarized Mine-Rescue Units on the organization and carrying out of mine-rescue work. Bezop. truda v prom. 5 no.7:38-39 Jl '61. (MIRA 14:6)
(Mine rescue work)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOLOV'YEV, P.M., inzh.

Improve the design of the SP-55M individual respirators. Bez.truda v prom. 6 no.1:9-10 Ja '62. (MIRA 15:1)
(Respirators)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOLOV'YEV, Pavel Mikhaylovich; MOKROUSOV, A.A., retsenzent; KOROLEVA, T.I., red.izd-va; PROKUDA, T.G., tekhn.red.; LAVRENT'YEVA, L.G., tekhn. red.

[Means for the individual protection of miners] Sredstva individual'noi zashchity shakhterov. Moskva, Izd-vo "Nedra," 1964. 123 p. (MIRA 17:4)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOLOV'YEV, P.M., inzh.

The mine rescue squad is always on the alert. Bezop. truda v prom. 8 no.11:2-3 N '64. (MIRA 18:2)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

ZURKOV, P.E., doktor tekhn. nauk, prof.; YELENSKIY, S.I., kand. tekhn. nauk; KOTOV, V.N.; KONDRATENKO, V.P.; SOLOV'YEV, P.M.

Book reviews and bibliography. Bezop. truda v prom. 8 no.11: 56-59 N '64. (MIRA 18:2)

1. Magnitogorskiy gornometallurgicheskiy institut im G.N. Nosova (for Zurkov). 2. Nachal'nik otdela tekhniki bezopasnosti Yuzhno-Ural'skogo soveta narodnogo khozyaystva (for Yelenskiy). 3. Nachal'nik Gornogo upravleniya Magnitogorskogo metallurgicheskogo kombinata (for Kotov). 4. Nachal'nik kombinata Chelyabinskugol' (for Kondratenko).

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOLOV'YEV, P.M., inzh.

Plans to eliminate accidents at chemical industry enterprises.
Bezop. truda v prom. 8 no.9:1-4 S '64 (MIRA 18:1)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

BARKOV, V.Ye.; BYKHOVSKIY, Ya.L.; GRZHIBOVSKIY, V.V.; PAVLYCHEV, L.Ye.; RABOTNOVA, K.A.; SOKOLOV, V.B.; SOLOV'YEV, P.N.; KHERSONSKIY, D.S.; ZVENIGORODSKIY, I.S., red.; SAVEL'YEV, V.I., red.; BORUNOV, N.I., tekhn.red.

[Safety rules in the construction and use of communication structures and equipment] Pravila tekhniki bezopasnosti pri eksplustatsii i stroitel'stve sooruzhenii i ustroistv sviazi. Moskva, Gos.energ. izd-vo, 1959. 103 p. (MIRA 13:4)

1. Russia (1923- U.S.S.R.) Ministerstvo stroitel'stva elektrostantsiy. Tekhnicheskoye upravleniye. 2. Tekhupravleniye Ministerstva elektrostantsiy (MES) (for Berkov). 3. Vsesoyuznyy nauchno-issledovatel'skiy institut energetiki (VNIIE) (for Bykhovskiy, Pavlychev, Sokolov). 4. Gosudarstvennyy trest po organizatsii i ratsionalizatsii elektrostantsiy (ORGRES) (for Grzhibovskiy). 5. Leningradskoye rayonnoye upravleniye energokhozyaystva (Lenenergo) (for Rabotnova). 6. Moskovskoye rayonnoye upravleniye energokhozyaystva (for Solov'yev, Khersonskiy).

(Electric engineering--Safety measures)
(First aid in illness and injury)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

124-58-9-9783D

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 9, p 43 (USSR)

AUTHOR: Solov'yev, P. N.

TITLE: Investigation of the Energy Losses Incurred in Overcoming the Mechanical Friction in a Piston-type Compressor (Issledovaniye poter' energii na preodoleniye mekhanicheskogo treniya v porshnevom kompressore)

ABSTRACT: Bibliographic entry on the author's dissertation for the degree of Candidate of Technical Sciences, presented to the Leningr. politekhn. in-t (Leningrad Polytechnic Institute), Leningrad, 1958

ASSOCIATION: Leningr. politekhn. in-t (Leningrad Polytechnic Institute), Leningrad

1. Positive displacement compressors--Efficiency
2. Positive displacement compressors--Friction

Card 1/1

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

"Effect of Salt on the Property of the Soil and the Yield of Agricultural Crops." Cand Agr Sci, All-Union Sci Res Inst of Fertilization, Agricultural Engineering and Soil Sci; All-Union Order of Lenin Acad Agricultural Sci imeni V. I. Lenin, Moscow, 1955. (KL, No 14, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

NAZAROV, N.T., kand.tekhn.nauk; SLASTENIN, Ye.V.; SOLOV'YEV, P.P., inzh.

Laboratory studies of an ejector. Sbor. trud. VNIINerud no.2:53-63 '62. (MIRA 16:3)

1. Kuybyshevskiy inzhenerno-stroitel'nyy institut.
(Pumping machinery--Testing)
(Sand and gravel plants--Equipment and supplies)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOLOV'EV, P.P.

SOLOV'EV, P:P.
Spravochnik po mineralogii; pod red, N.K.
Razumovskogo. Leningrad, Gos. nauch,-tekhn. izd-vo
lit-ry po chernoi i tsvetnoi metallurgii, 1948. 512 p.
"Literatura": 1 p. at end.
DLC: QE367.S6

SO: LC, Soviet Geography, Part I, 1951, Uncl,

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

2098 Solov' Yev, P.P.

Katodolyumi nestsentnyu Analiz Rud Produktov Ikh Oboiasheniya. Pod Red. V. V. Dolivo- Dobrovol's- Kogo. M., Metallurgizdat, 1954. 36 s.s. Ill. 22 sn. (M-Vo Isvet. Metallurgii SSSR. Nauch -is- Sled. I Proektnly In-T Mekhan. Obrabotki Poleznykh Iskopaemykh-Mekhanobr-) Novostn Tekhniki Obogasheniya Poleznlkh Iskopaemlkh. VLP. 91). 1.200 EKZ. V. Ts. - Na obl. AVT. Ne Ukazan. - Bibliogr: s. 34 (10 NAZV.)-- (54-56570)p. 543.6.035-535.374(016.3)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOV/137-58-7-14002

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 7, p 3 (USSR)

AUTHOR: Solov'yev, P. P.

TITLE: Useful Minerals of the Northwestern Districts of the USSR, and the Work of the Mekhanobr Institute in Making Possible Their Utilization (Poleznyye iskopayemyye severo-zapadnykh rayonov SSSR i uchastiye instituta Mekhanobr v ikh osvoyenii)

PERIODICAL: [Tr.] Vses. n.-i. i proyektn. in-ta mekhan. obrabotki poleznykh iskopayemykh, 1957, Nr 102, pp 3-8

ABSTRACT: A short listing of the work done by the Institute with regard to various types of useful minerals of the Northwestern region of the USSR (classified into iron ore, nonferrous metals, light metals and rare elements, mineral fertilizer and nonmetallic minerals, fluxes and building materials, and fuels).

A. Sh.

1. Minerals--USSR 2. Minerals--Classification

Card 1/1

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOLOV'YEV, P.P., kand.tekhn.nauk

Minerals from the north-west regions of the U.S.S.R. and participation of the Mekhanobr Institute in their utilization. Trudy Mekhanobr no.102:3-8 '57. (MIRA 11:9)

(Russia, Northern--Mines and mineral resources)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOLOV'YEV, P.I.

Diagram for the study of the material composition of ores. Obog. rud 4 no.2:27-31 '59. (MIRA 14:8)
(Ores--Sampling and estimation)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

USSR / Farm Animals. Dogs. Q

Abs Jour : Ref Zhur - Biologiya, No 5, 1959, No. 21292

Author : Solov'yev, P. P.
Inst : Leningrad Institute of Agriculture
Title : Investigating the Alternating Influence of Nutritive Agents Upon the Mucosa of the Digestive Tract

Orig Pub : Sb. rabot Leningr. vet. in-ta, 1957, Vyp. 20, 43-53

Abstract : The influence upon the mucous membrane of the stomach was examined and described for dogs with an isolated ventricle and a fistula of the stomach by using juices of radishes and horse radish, rotten meat infusions, fish and smoked fish infusions, dissolved fermented cabbage, barley-, wheat-, soybean- and cornflour water, potato starch, which were infused into the ventricle for 2 hours as well as horse radish juice and potato-peel water which were infused for 10 minutes.

Card 1/2

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SILOV'YeV, P. P., Cand Bio Sci — (diss) "Investigation ~~to~~ of the alterating action of food substances on the mucous membrane of the digestive tract," Leningrad, 1950, 15 pp (Chair of Physiology of Man and Animals of the Leningrad State Pedagogical Institute im A. I. Gertsen) (KL, 3-50, 114)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOLOV'YEV, P.P.

Effect of antibiotics of the tetracycline series on the secretory and motor functions of the digestive tract. Report No.1: Effect of chlortetracycline (biomycin) on the secretory function of the gastric glands. Eksp. i klin. issl. po antibiot. 2:138-145 '60. (MIRA 15:5)
(STOMACH--SECRETIONS) (AUREOMYCIN)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

VOLOSHIN, M.R.,; SOLOV'YEV, P.T.(Riga)

Diagram of an apparatus for the objective determination of deafness. Vest. oto-rin. 18 no.1:64 Ja-F '56. (MLRA 9:6)

(PHYSIOLOGICAL INSTRUMENTS AND APPARATUS) (DEAFNESS)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOLOV'YEV, P.V., agronom.

Subsurface and surface tillage in Kazakhstan. Zemledelie 6 no.7: 38-40 Jl '58. (MIRA 11:6)

1. Peremenovskaya mashinno-traktornaya stantsiya Borodulikhinskogo rayona Semipalatinskoy oblasti.
(Borodulikha District--Tillage)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOLOV'YEV, P.V., kand.istor.nauk, nauchnyy red.; YEGOROVA, K.I., red.; TIKHONOVA, I.M., tekhn.red.

[Pages from the history of Leningrad factories] Bastiony revoliutsii; stranitsy istorii leningradskikh zavodov. Leningrad, Lenizdat. No.3. [The workers of the city of Lenin and their struggle for socialism in the village] Rabochie goroda Lenina v bor'be za sotsialisticheskoe stroitel'stvo v derevne. 1960. 377 p. (MIRA 13:7)
(Leningrad--Labor and laboring classes) (Agriculture)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOLOV'EV, P.V.

Signed the obituary notice of the death of Leopold Abramovich Baytin.

SO: Veterinariya; Vol. 27; No. 3; 60; March 1950 uncl de

Trans. # 271 by L. Lulich

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOLOV'YEV, P.V.

V.M. Lokarev, N.N. Baranov, V. M. Zubko, P. V. SOLOV'YEV, B.A. Lovadnyy, N.V. Vinogradov, I.G. Kovalev, S. M. Borontsov, M.A. Kuptsov, F.A.Shustovskiy, A. K. Tukach, signed the article on the 70th birthday of the Laureate of the Stalin Prize, candidate of Veterinary Sciences, Major General in the Veterinary Service -- Vasiliy Fedoseyevich Kapustin.

SO: Veterinariya; Vol. 29; No. 5; 54; May 1952 unclassified

Trans. # 54 by L. Lulich

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

S: LOV'YrV, . Ye.

Solov'yev, . Ye. - "Agronomic characteristics of the soils of the Crimean ste pe and measures for cultivating them and increasing their productivity," Vestnik Mosk. un-ta, 1948, no. 11, p. 177-90 --- Bibliog: 9 items

So: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 13, 1949)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOLOV'YEV, P. S.

Crimea - Soils

Division of agricultural soil in the Crimean steppe into districts.
Vest. Mosk. un 5, No. 6, 1950.

9. Monthly List of Russian Accessions, Library of Congress, November 1952. UNCLASSIFIED.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

CA

10

Effect of field protective strips on the physicochemical properties of [illegible] carbonate chernozem soils. P. K. Solov'ev. *Vestnik Moskov. Univ.* 6, No. 11, Ser. *Fiz.-Mat. i Estestven. Nauk*, No. 7, 81-93(1951).—Field-protective strips of forests planted for prevention of excessive moisture loss from the soil serve in effect to move the climatic conditions northwards. The alteration of phys.-chem. factors in the soil is very slow owing to satn. of the latter with alk. earth compds. The strength of the humus layer is greatly improved and the carbonates are forced to lie at greater depths; the general state of underlying soil becomes grainy or lumpy, instead of dusty. The org. matter is richer in humic acids and contains less fulvic acids. A better supply of N, P, and K, especially in available forms, is assured by the strips. Total alky. of water exts. is made up of alkali metals to a large extent; in open fields of the area the total alky. is largely caused by alk. earths.

G. M. Kosolapoff

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOLOV'YEV, P.Ye.

Soils of the Volga-Akhtuba flood plain and the problem of their irrigation. Vest.Mosk.un. 8 no.6:145-155 Je '53. (MLRA 6:10)

1. Kafedra pochvovedeniya.
(Akhtuba valley--Soils) (Soils--Akhtuba valley) (Volga--Soils) (Soils--Volga) (Irrigation)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

[illegible], P. Ye.

USSR/Geophysics - Soil changes by trees

Card 1/1 : Pub. 129 - 15/25

Author : Solov'yev, P. Ye.

Title : Variation in the properties of light brown soils under the influence of forest cultures in the limits of the Tinguta forest preserve

Periodical : Vest. Mosk. un., Ser. fizikomat. i yest. nauk, Vol. 9, No. 3, 101-108, May 1954

Abstract : Concludes that afforestation exerts a strong influence upon the soil-forming process of light brown soils. The forest varies both the morphological criteria of soils and their physico-chemical properties under the action of a forest the thickness of humus horizon increases and the structure of the soil improves, which is converted from a lumpy-stratified soil of the steppes into a lumpy-granular soil under a forest.

Institution : Chair of Soil Science

Submitted : September 26, 1953

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOLOV'EV, I. E.

The influence of forest plantings on the dark chestnut brown soils in the Salsk forest resort. P. E. Solov'ev (State Univ., Moscow). *Pochvovedenie* 1955, No. 6, 60-73.—With the introduction of shelter belts the depth of A_1 horizon increases, the point of effervescence is lowered, the hemicellulose and cellulose content of the org. matter decreases, the unhydrolyzed residue increases, the Ca and Mg in the complex increases, the total exchange capacity also increases, and a slight increase of R_2O_3 in B_1 and B_2 as well as an increase in total available nutrients are noted. Data are presented on the compn of the litter and of the roots; the content of SiO_2, Fe_2O_3, Al_2O_3, MnO, CaO, MgO, K_2O, and P_2O_5 is given. J. S. Joffe

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOLOV'YEV, P.Ye.

Microbiological characteristics of steppe soils under forests and in the open steppe. Vest. Mosk. un. Ser. biol., pochv., geol., geog. 12 no.4:97-104 '57. (MIRA 11:5)

1. Kafedra pochvovedeniya Moskovskogo gosudarstvennogo universiteta.
(Soil micro-organisms) (Forest soils) (Steppes)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOLOV'YEV, P.Ye.; BARSUKOVA, A.P.

Comparative characteristics of organic matter in soils of the open steppe and analogical soils under forest stands. Vest.Mosk.un.Ser.biol., pochv., geol., geog. 14 no.2:59-68 '59. (MIRA 13:4)

1. Kafedra pochvovedeniya, Moskovskogo gos. universitata. (Humus)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOLOV'YEV, P. Ye.

Role of forest shelterbelts in the increase of farm crop yields in the steppe zone. Vest.Mosk.un.Ser.biol., pochv., geol., geog. 14 no.4:53-61 '59. (MIRA 13:6)

1. Kafedra pochvovedeniya Moskovskogo universiteta.
(Forest influences) (Crop yields)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOLOV'YEV, V. Ye., Cand Biol Sci (diss) -- "The effect of field-protecting forest strips and forest masses on the soil-building process and the fertility of steppe soils". Moscow, 1960. 21 pp (Moscow Order of Lenin and Order of Labor Red Banner State U im M. V. Lomonosov), 150 copies (KL, No 12, 1960, 126)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOLOV'YEV, P.Ye.; BARSUKOVA, A.P.

Effect of forest vegetation on structural variations in ordinary Chernozems. Nauch. dokl. vys. shkoly; biol. nauki no.1:172-176 '60. (MIRA 13:2)

1.Rekomendovana kafedroy pochvovedeniya Moskovskogo gosudarstvennogo universiteta im. M.V. Lomonosova.
(Forest influences) (Soil structure) (Chernozem soils)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOLOV'YEV, P.Ye.

Effect of forest vegetation on chemical and physical properties of southern Chernozems. Vest.Mosk.un.Ser. 6: Biol., pochv. 15 no.1:55-67 '60. (MIRA 13:8)

1. Kafedra pochvovedeniya Moskovskogo universiteta.
(Stalingrad Province--Forest soils)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOLOV'YEV, P.Ye.

Change in the physical properties of common Chernozems under the influence of forest vegetation. Nauch. dokl. vys. shkoly; biol. nauki no.2:232-237 '61. (MIRA 14:5)

1. Rekomendovana kafedroy pochvovedeniya Moskovskogo gosudarstvennogo universiteta im. M.V.Lomonosova.
(CHERNOZEM SOILS) (FOREST SOILS)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOLOV'YEV, I.Ye.

Changes in the ordinary Chernozem soils under the influence of shelterbelts and forest plantations. Vest. Mosk. un. Ser. 6: Biol., pochv. 16 no.6:60-72 N-D '61. (MIRA 15:1)

1. Kafedra pochvovedeniya Moskovskogo universiteta.
(Chernozem soils) (Afforestation)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOLOV'YEV, I. Ye.

Silviculture properties of steppe soils. Vest. Mosk. un. Ser. 6: Biol. pochv. 18 no.3:[illegible]-70 My-Je'63 (MIRA [illegible])

1. Kafedra pochvovedeniya Moskovskogo universiteta.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOLOV'YEV, P.Ye.; ANTIPOV, I.K.

Change in the group composition of humus of gray and light-gray forest soils under the influence of cultivation. Nauch. dokl. vys. shkoly; biol. nauki no.1:189-193 '64. (MIRA 17:4)

1. Rekomendovana kafedroy pochvovedeniya Moskovskogo gosudarstvennogo universiteta im. M.V.Lomonosova.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOLOV'YEV, P.Ye.

Results and objectives of research work at the Soil Science Section of the Department of Biology and Soil Science in the light of the resolutions of the 22d Congress of the CPSU. Vest. Mosk. un. Ser. 6, Biol., pchv. 17 no. 2:16-23 Mr-Ap '62. (MIRA 17:7)

1. Kafedra pochvovedeniya Moskovskogo universiteta.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOLOV'YEV, P.Ye.; TYURINA-ZEYNALASHVILI, R.N.

Comparative characteristics of the organic matter in chestnut and Solonets soils of the trans-Volga region. Vest. Mosk. un. Ser. 6: Biol., pochv. 19 no.4:57-63 Jl-Ag '64. (MIRA 17:12)

1. Kafedra pochvovedeniya Moskovskogo universiteta.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOLOV'YEV, T.Ye.

Change in the properties of brown light loamy and sandy soils of the semidesert under forest plantations. Vest. Mosk. un. Ser. 6: Biol , pochv. 20 no.1:61-77 Ja-F '65. (MIRA 18:3)

1. Kafedra pochvovedeniya Moskovskogo universiteta.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

87329

S/058/60/000/012/005/011
A001/A001

9.4300 (3203, 1043, 1143)

Translation from: Referativnyy zhurnal, Fizika, 1960, No. 12, p. 33207

AUTHOR: Solov'yeva R.A.

TITLE: On Rectifying Effect of the Contact Between Se and Thin Dielectric Layer

PERIODICAL: Nauchno-tekhn. inform. byul. Leningr. politekhn. in-t, 1959, No. 8, pp. 28-34

TEXT: Experimental specimens were prepared by applying crystalline Se to an Al-backing through a thin intermediate Bi layer which reduces the transition resistance between Se and Al. After Se crystallization, a thin layer of dielectric (quartz, amber, epoxide-bakelite varnish, etc) was applied to its surface by evaporation in vacuum or by setting out of a solution, then the upper Au-electrode, which produces no rectifying contact with Se, was covered with dust. All the specimens prepared in this way showed the rectifying effect. Dependent on the substance of insulating interlayer, rectification factor (k) ranges from 120 to 300 as compared with k = 2 at the absence of the insulating layer. The k-value depends also on the degree of Se crystallization. For the specimens investigated

Card 1/2

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

87328

S/058/60/000/[illegible] 2/005/011
A001/A001

On Rectifying Effect of the Contact Between Se and Thin Dielectric Layer

the forming usual for Se-rectifiers does not take place, i.e., the barrier layer exists in them prior to electric forming. The dielectric thickness plays an essential part in the rectifying effect of the transition. Its optimum value amounts to $\sim 10^{-5}$ cm. The resistance maximum on the volt-ohm characteristic of the Se-dielectric transition is displaced towards higher voltages in comparison with conventional rectifiers. The temperature dependence of Se-dielectric rectifying contact is weak in the great temperature range (from -50 to +80°C), especially if heat-resistant dielectrics, such as quartz, K-47, etc., are used as insulating interlayer. Beyond the limits of the temperature range indicated, rectification deterioration is observed.

A.G. Zhdan

Translator's note: This is the full translation of the original Russian abstract.

Card 2/2

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

21382

S/194/61/000/009/032/053
D201/D302

9.2150 (1620, 1159, 1482)

AUTHOR: Solov'yev, R.A.

TITLE: Electrical properties of selenium rectifiers with thin insulating layers

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 9, 1961, 13, abstract 9 D82 (Nauchno-tekhn. inform. byul. Leningr. politekhn. in-t, 1960, no. 7, 33-42)

TEXT: A description is given of a method for preparing samples of selenium rectifiers having a thin layer of dielectric interposed between the top electrode, made of cadmium or its alloy with tine and the selenium. The characteristics investigated were classification and dynamic volt-ampere, volt-ohm, capacitance, temperature and others. It is shown that the intensified rectifying properties of a rectifier with interposed insulating layers can be explained by the rectifying action which takes place at the contact

Card 1/2

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Electrical properties...

between the dielectric and selenium. In addition to the above effect there is also the reactive diffusion of Cd and Se atoms through the porous insulating film and the formation of CdSe. In this manner a complex double-action blocking layer is formed. The rectifiers under consideration have a number of advantages over the conventional type, e.g. they possess high reverse resistance and electric strength, better thermal and long-time stability, lower current creepage, small self-capacitance and a better frequency response. Their disadvantage is a somewhat larger, compared with the conventional rectifier, forward voltage drop and a longer formation time. 11 references. [Abstracter's note: Complete translation]

Card 2/2

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

89701

9.4160 (also 1137)

S/139/61/000/001/009/018
E032/E514

AUTHORS: Nasledov, D. N. and Solov'yev, R. A.

TITLE: Rectifying Properties of the System Se-Dielectric-Au

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Fizika, 1961, No.1, pp.104-109

TEXT: The specimens were prepared follows. Selenium was deposited on a bismuth film supported by an aluminium base. A further layer of a dielectric was deposited on top of the selenium and the composite film was covered with a layer of gold. Altogether 20 different insulating materials were tried. All the specimens exhibited a rectifying effect, which in some cases was quite well defined. It was found that the rectifying effect occurs at the selenium-dielectric contact. Among the dielectrics used were shellac, polystyrene, quartz, Lac 51, Lac K-47 and others. It was found that the rectifying effect appeared at once and did not vary with time. The thickness of the barrier layer appeared to depend on the magnitude of the applied voltage, while temperature changes between -70 and +100°C did not have much effect on the characteristics of materials such as quartz Lac 51, Lac K-47 and other

Card 1/2

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

89701

S/139/61/000/001/009/018
E032/E514

Rectifying Properties of the .....

stable dielectrics. In the case of shellac, the rectifying properties deteriorate rapidly at higher temperatures. The photo-emf was also measured using visible radiation of 4×10^4 lux. The radiation was admitted through the gold film. Maximum photo-emfs were obtained with shellac and a material described as МГМ-16 (MGM-16) (of the order of 15 mV). The present paper is a preliminary report, further information will be published later. There are 9 figures, 2 tables and 7 references: 2 Soviet and 5 non-Soviet.

ASSOCIATION: Leningradskiy politekhnicheskiy institut imeni M. I. Kalinina (Leningrad Polytechnical Institute imeni M. I. Kalinin)

SUBMITTED: June 2, 1960

Card 2/2

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

BAKAYEV, A.V.; GELLER, I. Kh.; DORIN, V.A.; ZAKHAROV, M.P.; NASLEDOV, D.N.; SOLOV'YEV, R.A.

Method for investigating potential distribution in selenium rectifying cells. Zav.lab. 27 no.10:1240-1242 '61. (MIRA 14:10)

1. Leningradskiy politekhnicheskiy institut im. M. I. Kalinina.
(Selenium—Electric properties)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

S/139/63/000/001/012/027
E202/E420

AUTHORS: Bakayev, A.V., Geller, I.Kh., Dorin, V.A., Zakharov, P.M., Nasledov, D.N., Solov'yev, R.A.

TITLE: Distribution of potential in selenium rectifying elements between electrodes

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Fizika, no.1, 1963, 78-84

TEXT: Results of measuring potential distribution in selenium rectifying elements in the conducting direction are described. To explain in detail the mechanism of potential distribution between the electrodes, measurements were carried out at points separated by a distance of 5 μ. Since the thickness of selenium layer varies from 50 to 100 μ it was necessary to measure the potential at 10 to 20 points. In order to carry out the measurements the layer of selenium and the p-n junction region were stripped and a transverse section prepared. Both types of rectifiers, i.e. those with p-n junction between the upper electrode and the layer of selenium, and those in which the p-n junction lies between the layer of selenium and the base, were investigated. The method was based on

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Distribution of potential ...

measuring the difference of potential between one of the electrodes and a probe, the latter being placed at various points on the surface of the transverse section of the element. A special instrument incorporating a microhardness gauge of the diamond pyramid type in which the latter was replaced by a steel wedge-shaped probe was used. During measurements the probe was pressed into the selenium in order to obtain reliable results. The width of the indentation made by the probe was 1.5 to 2 μ, hence the potential could be measured at points separated by a distance of 5μ. Since the probe contact with selenium has a considerable resistance of the order of 10^8 to 10^9 ohms, a high resistance voltmeter was used in the measurements. This comprised a potentiometer with a center zero electrometer sensitive to a current of 10^{-11} A. The measurements had an absolute error of 0.001 V. Considerable care was taken in the preparation of the transverse sections. The results have shown that the main fraction of the potential applied to the element in the conducting direction falls over the p-n junction region, on the other hand the layer of selenium accounts for not more than 25% of the above fall. In addition to plotting

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the potential against the distance over the CdS-(orCdSe)-Se-Bi_2Se_3-Al portions of the sandwich, preliminary volt-ampere characteristics of both types of rectifier were measured on polished and unpolished samples. There are 6 figures.

ASSOCIATION: Leningradskiy politekhnicheskiy institut imeni M.I.Kalinina (Leningrad Polytechnic Institute imeni M.I.Kalinin)

SUBMITTED: August 22, 1961

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOLOV'YEV, P.A.

Determining the roughness of a selenium surface in the manufacture of selenium rectifier elements. Zav. lab. 31 no.11:1366-1367 '65. (MIRA 19:1)

1. Leningradskiy politekhnicheskiy institut imeni Kalinina.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

[illegible] A., [illegible] [illegible]IYEV, S., prepodavatel'

Include technical drawing in the program for training industrial designing engineers. Tekh.est. no.5:18-20 My '64.
(MIRA 18:6)

1. Moskovskiy stanko-instrumental'nyy institut.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

USSR/Engineering Aug 48
Engines, Diesel
Valves, Exhaust

"Restoration of the Operating Valves in Diesel Engines," S. A. Solov'yev, Rostov City Power Sta, 1½ pp

"Energet Byul" No 8

Describes method of refitting water-cooled inlet and exhaust valves.

10/49[illegible]7

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

[illegible], S. A.: "Plowing of soil to prepare it, and the influence of this on the growth and development of forest crops in the taiga zone." Min Higher Education USSR. Leningrad Order of Lenin Forestry Engineering Academy imeni S. M. Kirov. Leningrad, 1956.
(Dissertation for the degree of Candidate in Agricultural Sciences).

So: Knizhnaya letopis', No 23, 1956

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SERBINOVSKIY, G.V., inzhener; SOLOV'YEV, S.D., inzhener; IOKHVIDOV, E.S., inzhener.

Basic problems in the general plan of supplying Moscow with electricity. Gor.khoz.Mosk. 25 no.3:20-22 Mr '51. (MLRA 7:10)

1. Mosenergo.
(Moscow--Electric power) (Electric power--Moscow)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOLOV'YEV, S.D., starshiy prepodavatel'.

Solution of a heat transmission equation. Trudy Khat. IIT no.7:209-211 '54. (MLRA 8:1)

(Heat--Transmission)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

DUTKIN, O.S., inzhener; SOLOV'YEV, S.F., inzhener, redaktor; SAVEL'YEV, V.I., redaktor; SKVORTSOV, I.M., tekhnicheskiy redaktor

[Products of the "Armset" Trust] Izdeliia tresta "Armset'." Moskva, Gos.energ.izd-vo. Pt.3. [Hardware for 400 kilovolt electric transmission lines] Armatura linii elektroperedachi napriazheniem 400 kv. 1956. 46 p. (MLRA 10:7)

1. Vsesoyuznyy armaturno-izolyatsionnyy trest "ARMSET'."
(Electric lines)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

L 61124-66 EWT(1)/EWA(h)
ACC NR: AP6001572 (A) SOURCE CODE: UR/0120/65/000/006/0084/0089

AUTHOR: Aleksandrov, Yu. A.; Kutsenko, A. V.; Maykov, V. N.; Pavlovskaya, V. V.; Solov'yev, S. G.

ORG: Institute of Physics, AN SSSR (Fizicheskiy institut AN SSSR)

TITLE: Using an AI-100 pulse analyzer as a storage device

SOURCE: Pribory i tekhnika eksperimenta, no. 6, 1965, 84-89

TOPIC TAGS: pulse analyzer, computer storage device/ AI-100 pulse analyzer

ABSTRACT: The remodeling of an AI-100 pulse analyzer for purposes of measuring two simultaneous pulses is described; a fifth program ("storage operation") is introduced into the AI-100. The storage is controlled from the outside, while the arithmetic unit is used for receiving and recording two simultaneous pulse trains. The resulting storage device has a constant dead time at its two inputs of 120 μsec, a pulse-height range of 1—100 v, and 99 storage addresses for synchronously recording the results of measuring two pulses. Tables of operations and commands are given. Such a remodeled analyzer has been used for one year in conjunction with two Cerenkov total-absorption spectrometers (with the 680-Mev FIAN synchrotron). Orig. art. has: 1 figure and 2 tables.

SUB CODE: 09 / SUBM DATE: 23Nov64 / ORIG REF: 002

Card 1/1

UDC: 621.374.3

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8

SOLOV'YEV, S.G.; CHEKURIN, I.P.; RASSADKIN, I.D., redaktor; IOFFE, M.L., redaktor; KONYASHINA, A.D., tekhnicheskiy redaktor

[Fire prevention manual] Sbornik rukovodiashchikh dokumentov po pozharnoi profilaktike. Moskva, Izd-vo M-va kommun.khoz. RSFSR. Vol.3. 1957. 570 p. (MLRA 10:8)
(Fire prevention)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320004-8"